



New England Testing Laboratory, Inc.
(401) 353-3420

REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 7J16011

Client Project: Nutrient Testing

Report Date: 25-October-2017

Prepared for:

Tom Kawa
Lowell Regional Wastewater
451 First St. Blvd
Lowell, MA 01852

Richard Warila, Laboratory Director
New England Testing Laboratory, Inc.
59 Greenhill Street
West Warwick, RI 02893
rich.warila@newenglandtesting.com

Samples Submitted:

The samples listed below were submitted to New England Testing Laboratory on 10/16/17. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 7J16011. Custody records are included in this report.

Lab ID	Sample	Matrix	Date Sampled
7J16011-01	INF	Water	10/16/2017
7J16011-02	PLT EFF	Water	10/16/2017

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

INF

Total Phosphorous	SM4500-P-E
Nitrate and Nitrite as N	4500-N03-E
Total Kjeldahl Nitrogen	SM4500NH3-D
Ammonia	SM4500-NH3-D

PLT EFF

Total Phosphorous	SM4500-P-E
Nitrate and Nitrite as N	4500-N03-E
Total Kjeldahl Nitrogen	SM4500NH3-D
Ammonia	SM4500-NH3-D

The analytical methods provided are documented in the following references:

Manual of Methods for Chemical Analysis of Water and Water Wastes, EPA-600/4-79-020 (Revised 1983), USEPA/EMSL.

Standard Methods for the Examination of Water and Wastewater, 20th Edition, 1998, APHA, AWWA-WPCF.

40 CFR 136, *Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act*, Office of Federal Register National Archives and Records Administration.

Results:

Sample: INF
7J16011-01 (Water)

General Chemistry

	Result	Reporting Limit	Units	Date Analyzed
Ammonia	22.9	1.0	mg/L	10/18/17
Kjeldahl Nitrogen	32.2	1.0	mg/L	10/17/17
Nitrate and Nitrite as N	0.04	0.03	mg/L	10/17/17
Total Phosphorous	5.81	0.10	mg/L	10/18/17

Sample: PLT EFF
7J16011-02 (Water)

General Chemistry

	Result	Reporting Limit	Units	Date Analyzed
Ammonia	17.5	1.0	mg/L	10/18/17
Kjeldahl Nitrogen	17.5	1.0	mg/L	10/24/17
Nitrate and Nitrite as N	4.50	0.15	mg/L	10/17/17
Total Phosphorous	1.78	0.02	mg/L	10/18/17

Case Narrative

The samples were all appropriately cooled and preserved upon receipt. The samples were received in the appropriate containers. The chain of custody was adequately completed and corresponded to the samples submitted.

All samples were analyzed in accordance with 40 CFR 136 approved methodologies.

1254 Douglas Avenue
North Providence, RI 02904

Chain of Custody Record



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